



Operation - Disk grinding on tank turret

Hazards - metals, paint pigments & fillers, heat stress, burns, noise, ergonomic stressors

PPE - leather gloves, coveralls, ear



Operation – Milling Machine (computer operated)

Hazards – noise, metal cutting fluids

PPE – ear plugs, gloves (usually operated remotely)



Operation - Vapor degreasing
Hazards - chlorinated hydrocarbon solvents, noise, ergonomic stressors
PPE - rubber gloves, apron, half face respirator with organic vapor cartridge,







Operation - Diesel/turbine engine testing

Hazards - noise (120+ dB), carbon monoxide, nitrogen oxides

PPE - ear plugs with muffs



Operation - Heavy equipment
rebuilding

Hazards - noise, heat stress, ergonomic
stressors

PPE - ear plugs, gloves, steel toe boots,



Operation - Recycling Spray Paint Tunnel Booth

Hazards -Organic solvents,
diisocyanates, noise, paint pigments,
heat stress, ergonomic stressors



Operation - Gas metal arc/metal inert
gas (MIG) welding with aluminum

Hazards - ozone, oxides of nitrogen,
aluminum oxide, UV light, heat injury,
intense light, ergonomic stressors,
noise

PPE - airline welding helmet, leather



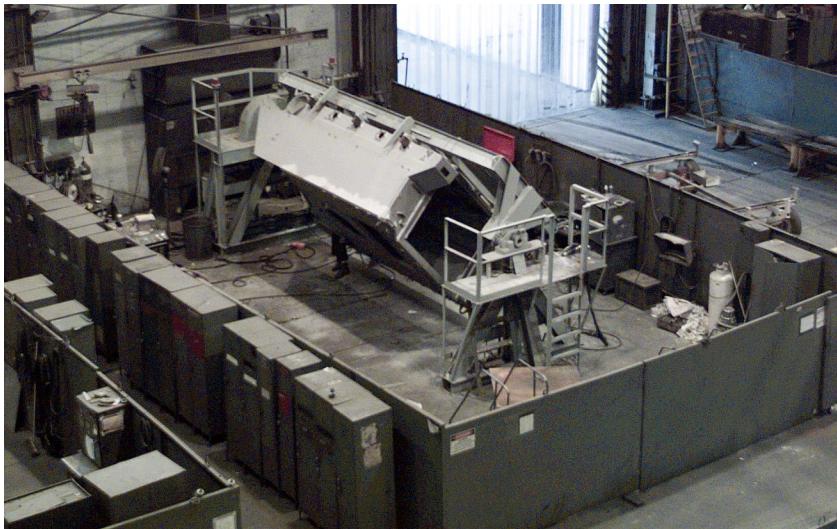


Operation - Tank reassembly

Hazards - Ergonomic stressors & vibration, noise

PPE: Earplugs, coveralls, steel toe safety shoes





Example of an engineering control for ergonomic injuries. This is a rollover stand that rotates the hull of a tank or APC for welding. The welder can weld without having to place his body in an awkward posture.